

Title (en)

TEXTILES HAVING A PROTECTIVE FUNCTION AGAINST ABRASION AND CONTACT HEAT

Title (de)

TEXTILIEN MIT SCHUTZFUNKTION GEGEN ABRIEB UND KONTAKTHITZE

Title (fr)

TEXTILES DOTÉS D'UNE FONCTION DESTINÉE À LES PROTÉGER D'UNE USURE ABRASIVE ET DE LA CHALEUR DE CONTACT

Publication

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Application

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Abstract (en)

[origin: WO2013053587A1] The invention relates to a textile sheet product (1). According to the invention, said textile sheet product (1) is characterized by a plurality of coating elements (2), which are arranged on a surface (111) of a textile substrate layer (11) of the sheet product in such a way that only part of the surface of the substrate layer is covered by the coating elements. The coating elements are made of a material that substantially is a mixture of a polymer material, preferably a prepolymer that can be cross-linked to form a thermoset, and a filler in the form of inorganic and/or metal particles (22). In a method according to the invention for producing a textile sheet product (1), a textile substrate layer (11) and a coating material are provided. In order to form coating elements (2), a plurality of portions of the coating material are applied to a surface (111) of the substrate layer. The portions of the coating material are arranged on the surface in such a way that the portions do not overlap, and only part of the surface of the substrate layer is covered by the coating material. Subsequently, the coating material is fixed, whereby a plurality of solid coating elements (2) is formed on the substrate layer.

IPC 8 full level

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